

**Project:** Brittle2 Block 5

**1) Present Stand Condition:**

Comp.	Stand	Stand Acres (CDS)	ELTP	Forest Type	Size Den.	Tot. BA	Stand Cond.	SI	Yr. of Origin	LSC	DBH
360	2	84	9B	2	6	130	5	46	1937	500	8
360	5	6	9B	49	5	70	3	41	1934	500	8
360	6	15	9B	49	8	40	3	40	1886	500	10
360	24	22	9B	99	0	80	5	46	1997	200	8
360	23	34	9B	49	6	80	5	46	1931	500	8
360	45	13	9B	59	3		9	46	1988	500	
360	46	1	9B	59	3		9	46	1988	500	
360	47	27	9B	2	9	140	5	46	1931	500	9
360	48	39	9B	2	9	140	5	46	1931	500	9
360	49	60	9B	2	9	140	5		1931	500	
360	50	11	9B	2	6	130	5		1931	500	9
360	36	260	9B	2	6	80	5	47	1931	500	8

**2) Desired Stand Condition/Management Objective (DSC):**

Narrative: These stands are being managed for production of timber products. No change in the existing condition is prescribed at this time. Low intensity underburning is prescribed for moderate fuels reduction only. Periodic prescribed fires may be used to decrease the amount of fuels buildup. Maintain B-level stocking or higher in live trees of commercial species. If stocking falls below B-level, burning will be postponed until stand recovers to B-level.

**3) Treatments to Achieve DSC:**

Cultural activities needed, listed in sequence (FACTS codes): Natural Fuels Inventory (1100), Burn Plan – Natural Fuels (1101), Natural Fuels Underburn (1113), Post Treatment Exam Fuels Mngmt. (1182).

**Fuels**

Silviculturist will have opportunity to review burn plan. Pre-burn surveys will determine the stocking level and fuel loads for development of the burn plan.

This block of stands has a wide range of stand size and density. Burn Boss will determine ignition technique in order to stay within the parameters listed. .

- Conduct prescribed burning in red pine stands during the period of bud dormancy, generally after July 15 and prior to May 1.
- Burn at RH greater than 30%.

- Acceptable mortality including post mortality should not exceed 5%
- Burn at low intensity with flame lengths ranging from .5 to 3 feet
- Keep bole scorch less than 5 feet to prevent stress and delayed mortality by *Ipps* bark beetles. Heavy bole scorch limits the production of fine paper products.
- Landlines may have to be surveyed adjacent to the private property (Consumers) along the North line of burning on the north side of the stand.
- Address power line in burn plan.

**Timber**

The West Allen and the Shore to Shore timber sale will be completed before implementing prescribed burning.

**Cultural Resources**

Avoid underburning archaeological site identified in Comp 360 stand 02.

**Recreation**

Temporary re-routes would be designated for affected portions of the Michigan Shore-to-Shore Trail and the Huron ORV Trail during prescribed burning activities. District recreation staff would be notified the day prior to burning to ensure consideration is given to scheduled events on trail.

Refer to the Action Analysis for Project Design Criteria.

**Prepared by:** Karlis Lazda

**Date:** 10/2009

**Certified Silviculturist:**

**Date:**